

DATA SHEET

DESCRIPTION

SAKSHI TC 300 is a four packs, self level, low VOC epoxy resin based semi glossy top coat for floor coating system.
SAKSHI TC 300 is a self leveling floor coating for concrete and Masonry substrate up to 0.5- 2mm thickness.

PRINCIPAL CHARACTERISTICS

SAKSHI TC 300 Semi glossy and seamless coating and direct application on screed or primer coat.
SAKSHI TC 300 useful for Industrial, Chemical, Pharmaceutical & Automobile plants.
SAKSHI TC 300 having excellent flow and leveling characteristics.
SAKSHI TC 300 having very good weathering, Chemical and Abrasion resistance.
SAKSHI TC 300 having high mechanical strength with excellent Impact and mar resistance.
SAKSHI TC 300 can be open for foot traffic after 24 hours (at 30°C) of Application.

COLOURS AND GLOSS

Range and Semi Glossy

BASIC DATA

Product density, g/cc	1.55±0.05 (depends on shade)
Recommended Dry Film Thickness	0.5 to 2mm
Theoretical consumption for 1m ² area	1.55±0.05 kg, for1mm thickness (depends on shade)
Surface dry @ 30 °C	2 hours
Hard dry @ 30 °C	24 hours
Full Cure @ 30 °C	Min.7 days
Pot Life@ 30 °C	45 min.
Compressive strength	>65 N/ mm ² as per IS 9162
Flexural strength	>35 N / mm ²
Shore D Hardness	82
Adhesion	>1.5 N / mm ²
Tensile strength	25 N / mm ²
Abrasion Resistance	45 mg weight loss (Taber Abraser)

DATA SHEET

Instructions for use:

Surface Preparation: A clean, dry and sound, concrete substrate is essential for Floor coating application and in ensuring maximum bonding between the substrate and flooring system. New concrete surface must be a minimum of 30 days old, free from curing Compounds and have moisture content less than 3-4 % prior to application of the primer and other coats.

The surface can be prepared mechanically using shot blasting or other blasting equipment, or by acid etching followed by thorough water wash and wire brushing.

The choice of surface preparation should be determined by the extent and nature of contamination present on the concrete surface. All dust present must be removed prior to Top coat application.

Mixing: Stir the base and hardener separately, with the help of power driven hand stirrer. Mix hardener into the base then add filler in that mixture as per the stated mixing ratio.

Apply after induction time and before expiration of pot life.

Application: screed coat can be applied on wet primer.

Substrate temperature should be at least 3 °C above dew point.

Maximum relative humidity during application and curing is below 85%

All tools and equipment can be cleaned with Thinner SAKSHI THINNER 400.

Allow to cure for overnight.

Storage & Packing

Storage: Store in a cool, dry place. Store in accordance with local regulations.

Packing: 10&20Kgs

Shelf life

12 Months (cool & dry place)

Safety Information

As a general safety measure, inhalation of solvent vapors or coating mist and contact of coating with skin & eyes should be avoided. Forced ventilation should be provided when applying coating in Confined spaces or stagnant air. Even when ventilation is provided, respiratory, skin and eye Protections are always recommended while coating application.

LIMITATION OF LIABILITY

The information in this data sheet is based upon laboratory tests we believe to be accurate and is intended for guidance only. All recommendations or suggestions relating to the use of the products made by SAKSHI COATING PVT LTD, whether in technical documentation or in response to a specific enquiry, or otherwise, are based on data which to the best of our knowledge are reliable. The products and information are designed for users having requisite knowledge and industrial skills and it is the end-user's responsibility to determine the suitability of the product for its intended use. SAKSHI COATING PVT LTD has no control over either the quality or condition of the substrate, or the many factors affecting the use and application of the product. SAKSHI COATING PVT LTD does therefore not accept any liability arising from loss, damage or injury resulting from such use or the contents of this data sheet. **Date-JAN. 2019**